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Application/Control No.

09/940,871 Examiner

Applicant(s)/Patent under Reexamination

BLUME, LEO R.

Art Unit

Tam D. Tran

2676

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| Cla      | aim      | m Date   |          |           |          | 1      | Claim Date |          |                 |   |  | [  | Cla      | aim      | Date     |          |                 |          |                 |          |   |        |            |          |          |            |          |              |             |          |          |          |
|----------|----------|----------|----------|-----------|----------|--------|------------|----------|-----------------|---|--|--|----------|----------|----------|----------|-----------------|----------|-----------------|----------|---|--------|------------|----------|----------|------------|----------|--------------|-------------|----------|----------|----------|
|          | 1        |          |          |           |          |        |            | П        |                 |   |  |  | <u>~</u> | П        |          |          |                 |          |                 |          |   |        |            |          | Т        | T          |          |              |             | П        |          | $\neg$   |
| Final    | Original | 3/11/06  |          |           |          |        |            | l        |                 |   |  | Final  | Original |          |          |          |                 | ı        |                 |          |   | Final  | Original   |          |          | -          | - 1      |              |             |          |          |          |
| Œ        | Ö        | 5        |          |           |          |        |            |          |                 |   |  | i.E  | Ċ        | 1        |          |          |                 |          |                 |          |   | ίĒΙ    | Ģ          |          |          |            | -        |              | ı           |          |          | . [      |
|          |          | Ļ        |          |           |          |        | _          |          |                 |   |  |  |          | $\sqcup$ | 4        | - -      | 1               |          |                 | _        |   |        |            | $\Box$   |          | _          |          |              | _           | _        |          | $\sqcup$ |
|          | 1        | 1        |          |           | _        | _      | _          |          | Ш               |   |  |  | 51       | Ш        | _        | _ _      | $\bot$          | $\perp$  | $\bot$          | _        |   |        | 101        |          | _        | 4          | _        | 4            |             | _        |          | Ш        |
|          | 2        | V        |          |           | _        |        |            |          | Ш               |   |  |  | 52       |          | +        | 4        | Ш               | _        | $\perp$         | _        |   |        | 102        | $\Box$   | _        | $\perp$    | _        | _            |             | _        |          | Щ        |
|          | 3        | 1        |          |           | _        | $\Box$ |            |          | Н               |   |  |  | 53       | $\vdash$ | -        | +        | $\vdash$        | $\perp$  |                 |          |   |        | 103        |          | _        | -          |          |              |             |          | $\dashv$ | Щ        |
| -        | 4        | 1        |          |           |          |        |            |          | Н               |   |  | -  | 54       | $\vdash$ | +        | +        | $\vdash$        |          |                 |          | 1 |        | 104        | $\Box$   | $\dashv$ | +          | _        | 4            | _           | $\dashv$ | $\dashv$ | Н        |
| -        | 5<br>6   | 1        |          |           | $\dashv$ |        |            |          | Н               |   |  |  | 55<br>56 |          | +        | +        | $\vdash$        |          |                 |          | ŀ |        | 105        | $\vdash$ | -        | -          | -+       | $\dashv$     |             | $\dashv$ | $\dashv$ | $\dashv$ |
| -        | 7        | 1        | -        | $\vdash$  | -        | -      |            | -        | Н               |   |  |  | 57       | ┝╼┼      | +        | +        | ╁               | +        | +               | -1       | ŀ |        | 106<br>107 |          | +        | +          | -        | $\dashv$     | $\dashv$    | $\dashv$ |          | $\dashv$ |
|          | 8        | 1        |          | -         |          |        |            |          | H               |   |  |  | 58       | ┝╼┼      | +        | +        | $\vdash$        |          |                 |          | ŀ |        | 10,7       | $\vdash$ | $\dashv$ | +          |          | $\dashv$     | -           | $\dashv$ | $\dashv$ | -        |
| -        | 9        | 1        | _        |           | $\dashv$ |        | $\vdash$   | $\vdash$ | Н               | - |  |  | 59       | $\vdash$ | +        |          | +               |          | +-+             |          | ł |        | 109        |          | $\dashv$ | +          | +        | $\dashv$     | $\dashv$    | $\dashv$ | $\dashv$ | -        |
|          | 10       | 1        |          | $\dashv$  |          |        |            |          | Н               | _ |  |  | 60       | $\vdash$ | $\dashv$ | - -      | +               |          | + +             | $\dashv$ | ł |        | 110        |          | -        | +          | $\dashv$ | +            | $\dashv$    | -        | $\dashv$ | $\dashv$ |
| $\vdash$ | 11       | V        |          |           | _        |        | _          | -        | Н               | _ |  |  | 61       |          | +        | +        | +               | _        | +               |          | ŀ |        | 111        | -        | $\dashv$ | +          | $\dashv$ | +            | $\dashv$    | $\dashv$ | $\dashv$ | $\dashv$ |
|          | 12       | V        |          |           | _        |        | Н          | $\Box$   | Н               |   |  |  | 62       | $\vdash$ | $\dashv$ | +        | $\forall$       | $\dashv$ | +               | -        | ŀ |        | 112        | $\vdash$ | +        | +          | $\dashv$ | -+           | -           | $\dashv$ | $\dashv$ | $\dashv$ |
| -        | 13       | V        |          | $\exists$ | 一        |        |            | T        | П               |   |  |  | 63       | $\vdash$ | $\top$   | +-       | Н               | _        | -               | $\dashv$ | H |        | 113        | $\Box$   | +        | +          | $\dashv$ | $\dashv$     | $\dashv$    | $\dashv$ | $\dashv$ | $\dashv$ |
|          | 14       | 1        |          |           |          |        |            |          |                 |   |  |  | 64       | $\vdash$ | $\top$   | _        | П               | _        | +               | <b></b>  | ŀ |        | 114        | $\vdash$ | $\dashv$ | $\dagger$  | $\dashv$ | $\dashv$     | $\dashv$    | -        | $\dashv$ | $\dashv$ |
|          | 15       | Ñ        |          |           |          | П      |            |          | П               |   |  |  | 65       |          | $\dashv$ | $\top$   | П               | $\dashv$ | +               | -        | ŀ |        | 115        | $\Box$   | $\top$   | $\top$     | 7        | 7            |             | 一        | $\dashv$ | $\dashv$ |
|          | 16       | N        |          |           |          |        |            |          |                 |   |  |  | 66       |          | $\dashv$ |          | П               | $\top$   | 1               |          | Ì |        | 116        |          | 1        | $\uparrow$ | $\neg$   | 7            | _           | 寸        | 寸        | П        |
|          | 17       | N        |          |           |          |        |            |          |                 |   |  |  | 67       |          |          |          |                 |          |                 |          | ı |        | 117        |          |          | _          | _        | 7            | $\Box$      | $\dashv$ | ヿ        | $\dashv$ |
|          | 18       |          |          |           |          |        |            |          |                 |   |  |  | 68       |          |          |          |                 |          |                 |          | Ī |        | 118        |          |          | T          |          |              |             |          | $\Box$   | П        |
|          | 19       |          |          |           |          |        |            |          |                 |   |  |  | 69       |          |          |          |                 |          |                 |          | [ |        | 119        |          |          | T          |          |              |             |          |          |          |
|          | 20       |          |          |           | _        |        |            |          |                 |   |  |  | 70       |          |          |          |                 |          |                 |          | l |        | 120        |          |          |            |          | $\Box$       |             |          |          |          |
|          | 21       | <u> </u> |          |           |          |        |            |          | Ш               |   |  |  | 71       |          | $\perp$  | $\perp$  | Ш               | $\perp$  |                 |          |   |        | 121        |          |          | $\perp$    |          |              |             |          |          |          |
|          | 22       |          |          |           | _        |        |            |          | Ш               |   |  |  | 72       | $\sqcup$ | $\perp$  |          | Ш               |          |                 | _        |   |        | 122        |          | _        | $\perp$    | _        | _            |             | $\perp$  |          | Ш        |
| <u> </u> | 23       |          |          | _         | _        |        |            |          | Ш               |   |  | L  | 73       |          | _        |          |                 | $\perp$  | 1               | _        |   |        | 123        |          | _        | $\perp$    | $\perp$  | _            | _           | _        |          | Ш        |
|          | 24       |          |          |           | -        |        |            |          | Ш               |   |  |  | 74       | $\vdash$ | _        | _        | $\perp$         |          |                 | _        |   |        | 124        | $\perp$  | _        | $\perp$    | 4        | _            | _           | _        | _        | Щ        |
|          | 25       | _        |          |           |          |        |            |          |                 | _ |  |  | 75       | -        | +        | -        | +               |          | -               |          | - |        | 125        |          | _        | 4          | 4        | $\dashv$     |             | $\dashv$ | $\dashv$ | _        |
| $\vdash$ | 26<br>27 | $\vdash$ | _        | $\dashv$  |          |        | _          |          |                 |   |  | <u> </u>   | 76       | $\vdash$ | 4        |          | ╌               | -        |                 |          | - |        | 126        |          |          | +          | -        | -            | $\dashv$    | $\dashv$ | $\dashv$ | $\dashv$ |
|          | 28       |          |          |           | -        |        |            | -        |                 |   |  |  | 77<br>78 | $\vdash$ | +        | +-       | +               |          | +               |          | - |        | 127<br>128 | -        |          |            | +        | $\dashv$     | $\dashv$    | $\dashv$ | $\dashv$ | $\dashv$ |
|          | 29       |          |          |           | ᅱ        |        | -          |          | $\vdash$        |   |  |  | 79       |          | +        |          | -               |          | +               |          | ŀ |        | 129        | -        | -        | -          |          | -            | +           | $\dashv$ | -        | -1       |
|          | 30       |          | -        | $\dashv$  | ┪        |        |            | H        |                 |   |  |  | 80       | ┝╼┼      | -+       | - -      | +               | +        | +               |          | ŀ | -      | 130        |          | +        |            | $\dashv$ | $\dashv$     | $\dashv$    | $\dashv$ | $\dashv$ | -        |
|          | 31       | $\vdash$ |          | -         |          |        |            | H        | H               |   |  |  | 81       | -        | -        | +-       | +               | +        | +               | $\dashv$ | ŀ |        | 131        |          | +        | ┰          | -        | $\dashv$     | $\dashv$    | $\dashv$ | $\dashv$ | $\dashv$ |
|          | 32       |          |          |           |          |        |            |          |                 |   |  |  | 82       | $\vdash$ | +        |          |                 |          | +               |          | ŀ | $\neg$ | 132        | H        | $\dashv$ |            | $\dashv$ | -            | -+          | $\dashv$ | $\dashv$ | -        |
|          | 33       |          |          | $\neg$    | 一        | $\neg$ |            | М        |                 | _ |  | -  | 83       | $\vdash$ | $\top$   | $\dashv$ |                 |          | 11              | 1!!      | ŀ |        | 133        |          | 1        | +          | 7        | 7            | $\neg$      | _        | $\dashv$ | $\neg$   |
|          | 34       |          |          |           | 寸        |        |            | П        |                 |   |  |  | 84       | $\sqcap$ | $\top$   | $\top$   | $\sqcap$        | _        | 1               |          | ď |        | 134        |          | $\top$   | $\top$     | 7        | $\dashv$     | _           | 十        | _        | $\dashv$ |
|          | 35       |          |          |           |          | _      |            |          |                 |   |  |  | 85       |          | $\top$   | $\top$   |                 |          |                 |          | ľ |        | 135        |          | $\top$   | T          | $\dashv$ | T            | $\neg$      | ヿ        | $\neg$   | $\neg$   |
|          | 36       |          |          |           | ╛        |        |            |          |                 |   |  |  | 86       |          |          |          |                 |          |                 |          | ľ |        | 136        |          |          | Ī          |          | I            |             |          |          |          |
|          | 37       |          |          |           |          |        |            |          |                 | _ |  |  | 87       |          |          |          |                 |          |                 |          | ſ |        | 137        |          |          |            |          |              |             | ⇉        | $\Box$   |          |
|          | 38       |          |          |           | $\Box$   |        |            |          |                 |   |  |  | 88       |          | $\perp$  |          |                 |          |                 |          |   |        | 138        |          |          | Ι          | J        |              |             | $\Box$   | $\Box$   |          |
| L        | 39       | _        |          |           |          |        |            | Ш        | Ш               |   |  |  | 89       |          | L        |          | $oxed{oxed}$    |          |                 | _        | Ĺ |        | 139        |          |          | $\perp$    | $\perp$  | $\int$       |             | $\Box$   | $\Box$   |          |
| <u> </u> | 40       | $\Box$   |          |           | _        |        | Ш          | Ш        | $\sqcup$        |   |  | L  | 90       | $\Box$   |          |          | $oxed{oxed}$    | $\perp$  | $\perp$         | _        | Ĺ |        | 140        | $\Box$   |          | 1          | 1        | _[           |             | $\bot$   | _[       | _        |
|          | 41       | $\Box$   |          |           | _        | ļ      |            | Ш        | Щ               |   |  | Щ  | 91       | $\sqcup$ |          | 4        | $\sqcup$        |          | $\dashv \dashv$ | _        | ļ |        | 141        | $\Box$   | $\perp$  | $\perp$    | $\perp$  | $\downarrow$ | ļ           | $\dashv$ | $\dashv$ |          |
|          | 42       | Щ        |          | $\dashv$  | _        |        |            |          | $\square$       |   |  |  | 92       | $\sqcup$ | $\perp$  | $\bot$   | $\sqcup$        |          |                 | _        |   |        | 142        |          | _        | 4          | _        | $\downarrow$ | _           |          | $\dashv$ |          |
| <u> </u> | 43       |          |          | $\dashv$  | _        |        |            | Щ        |                 |   |  | $\sqcup$   | 93       | $\vdash$ | 4        | _        | $\sqcup$        |          | -               |          |   |        | 143        | $\sqcup$ | +        | 4          | 4        | _            | _           | 4        |          | _        |
|          | 44       | -        |          |           | -        |        | _          | $\vdash$ | $\vdash$        |   |  |  | 94       | $\vdash$ | +        |          | $\vdash \vdash$ | +        | +               |          | 1 |        | 144        | _        | +        | 4          | $\dashv$ | -            |             | $\dashv$ | $\dashv$ | Ц        |
|          | 45       |          | $\dashv$ | -         | -        |        | $\vdash$   | $\vdash$ | $\vdash$        |   |  |  | 95       | $\vdash$ | +        | -        |                 | +        | +               | ::       | 1 |        | 145        | $\dashv$ | +        | +          | +        | $\dashv$     |             | $\dashv$ | $\dashv$ |          |
|          | 46<br>47 | $\vdash$ | $\dashv$ | $\dashv$  | $\dashv$ |        |            | Н        | $\vdash \vdash$ | _ |  |  | 96<br>97 | $\vdash$ | +        | +        | $\vdash$        | +        |                 |          | ╟ |        | 146        | $\dashv$ | +        | +          | +        | $\dashv$     | -           | $\dashv$ | $\dashv$ | $\dashv$ |
| <u> </u> | 47       |          | -        |           |          |        | -          |          | $\vdash \dashv$ |   |  | $\vdash$   | 98       | $\vdash$ | +        | +        | -               | -        | $\dashv \dashv$ |          | ŀ |        | 147<br>148 | $\dashv$ |          | +          | +        | $\dashv$     | $\dashv$    | $\dashv$ | $\dashv$ | $\dashv$ |
| -        | 49       | $\vdash$ |          | $\dashv$  | $\dashv$ | -+     |            | $\vdash$ | $\dashv$        |   |  |  | 99       | +        | +        | +        | $\vdash$        | $\dashv$ | ++              | $\dashv$ | ŀ |        | 149        | $\dashv$ | $\dashv$ | ╁          | +        | $\dashv$     | <del></del> | $\dashv$ | $\dashv$ | $\dashv$ |
| $\vdash$ | 50       | $\vdash$ |          |           | $\dashv$ |        | $\dashv$   |          |                 | _ |  | <del>                                     </del> | 100      | -        | +        | +        | +               | +        | ++              | $\dashv$ | ŀ |        | 150        | $\dashv$ | $\dashv$ | +          | +        | $\dashv$     | $\dashv$    | $\dashv$ | $\dashv$ | ᅱ        |
|          | ~~       |          |          |           |          |        |            |          |                 |   |  |  |          |          | - 1      |          | . !             | - 1      | 1 1             | 1        |   |        |            | - 1      | - 1      |            | - 1      | - 1          | - 1         | - 1      |          |          |